

Author Index

Abotomey, C., Cowden, W.B. and Hill, C.E. Carbohydrates play a role in neurite outgrowth in vivo during development and regeneration (79) 101

Astic, L., see Pellier, V. (79) 337

Baker, R.S., see Bonner, P.H. (79) 39Bañuelos-Pineda, J., see Castañeyra-Perdomo, A. (79) 346

Bär, P.R., see Joosten, E.A.J. (79) 122 Barrett, J.N., see Nonner, D. (79) 249

Bauer, W.R., see Chiaia, N.L. (79) 331 Becker, C.G., Becker, T., Schmidt, A. and Roth, G.

Polysialic acid expression in the salamander retina is inducible by thyroxine (79)

Becker, T., see Becker, C.G. (79) 140 Bennett-Clarke, C.A., see Chiaia, N.L. (79)

Boer, G.J., see Van Veldhuizen, M.J.A. (79) 305

Bonner, P.H., Friedli, A.F. and Baker, R.S. Botulinum A toxin stimulates neurite branching in nerve-muscle cocultures (79) 39

Bowe, C.M., Johansson, C.S., Hildebrand, C. and Evans, N.H.

Functional properties and nodal spacing of myelinated fibers in developing rat mental and sural nerves (79) 216

Brisorgueil, M.-J., see Jousselin-Hosaja, M. (79) 351

Buwalda, B., see Luiten, P.G.M. (79) 10

Carlson, C.G., see Feng, Y. (79) 181 Carmona-Calero, E., see Castañeyra-Perdomo, A. (79) 346

Castañeyra-Perdomo, A., Meyer, G., Carmona-Calero, E., Bañuelos-Pineda, J., Méndez-Medina, R., Ormazabal-Ramos, C. and Ferres-Torres, R. Alterations of the subcommissural organ in the hydrocephalic human fetal brain

Castrén, E., see Rauvala, H. (79) 187 Catelon, J., see Hillion, J. (79) 225

(79) 346

Chiaia, N.L., Fish, S.E., Bauer, W.R., Figley, B.A., Eck, M., Bennett-Clarke, C.A. and Rhoades, R.W.

Effects of postnatal blockade of cortical activity with tetrodotoxin upon lesion-induced reorganization of vibrissae-related patterns in the somatosensory cortex of rat (79) 331

Clorfene, J.B. and Pollack, E.D.

Late-generated cells in the lateral motor columns of developing frog spinal cord

Colley, P.A., see Trommer, B.L. (79) 115 Costa, L.G., see Tan, X.X. (79) 132 Cowden, W.B., see Abotomey, C. (79) 101 Cynader, M., see Liu, Y. (79) 63

Dayanithi, G., see Desarménien, M.G. (79)

Derbin, C., see Jousselin-Hosaja, M. (79) 351
Desarménien, M.G., Devic, E., Rage, F.,
Dayanithi, G., Tapia-Arancibia, L. and
Richard, Ph.
Synchronous development of spontaneous and evoked calcium-dependent
properties in hypothalamic neurons (79)

Devic, E., see Desarménien, M.G. (79) 85
De Vitry, F., see Hillion, J. (79) 225
DonCarlos, L.L. and Handa, R.J.
Developmental profile of estrogen receptor mRNA in the preoptic area of male and female neonatal rats (79) 313

Eck, M., see Chiaia, N.L. (79) 331 Ehlhart, T., see Swaab, D.F. (79) 279 Evans, N.H., see Bowe, C.M. (79) 216

Feenstra, M.G.P., see Van Veldhuizen, M.J.A. (79) 305

Feng, Y. and Carlson, C.G.
Changes in the endplate accumulation of acetylcholinesterase during synapse elimination in the mouse (79) 181

Ferres-Torres, R., see Castañeyra-Perdomo, A. (79) 346

Figley, B.A., see Chiaia, N.L. (79) 331 Fish, S.E., see Chiaia, N.L. (79) 331 Foster, G.A., see Stringer, B.M.J. (79) 297 Friedli, A.F., see Bonner, P.H. (79) 39

Garant, D.S., see Velíšková, J. (79) 327 Garey, L.J., see Yan, X.X. (79) 29 Gispen, W.-H., see Joosten, E.A.J. (79) 122 Gu, Q., see Liu, Y. (79) 63

Hadley, R.D., see Miller, J.D. (79) 233
Hammond, C.E., see Miller, J.D. (79) 233
Hamon, M., see Hillion, J. (79) 225
Handa, R.J., see DonCarlos, L.L. (79) 313
Hertz, L., see Peng, L. (79) 128
Hildebrand, C., see Bowe, C.M. (79) 216
Hill, C.E., see Abotomey, C. (79) 101
Hillion, J., Catelon, J., Riad, M., Hamon, M. and De Vitry, F.

Neuronal localization of 5-HT_{1A} receptor mRNA and protein in rat embryonic brain stem cultures (79) 225
Hofman, M.A., see Swaab, D.F. (79) 279

Jen, L.S., see Yan, X.X. (79) 29
Jia, W., see Liu, Y. (79) 63
Johansson, C.S., see Bowe, C.M. (79) 216
Joosten, E.A.J., Bär, P.R. and Gispen, W.-H.
Corticospinal axons and mechanism of target innervation in rat lumbar spinal cord (79) 122

Jousselin-Hosaja, M., Derbin, C., Brisorgueil, M.-J. and Rioux, F.

Morphology and immunohistochemistry of the nerve endings on the chromaffin cells of adrenal medulla grafted into mouse brain (79) 351

Kamiya, T., see Ojika, K. (79) 1 Kennelly, J.J., see Trommer, B.L. (79) 115 Kosuge, N., see Ojika, K. (79) 1

Li, P.P., see Wong, C.C. (79) 136
Liu, Y., Jia, W., Gu, Q. and Cynader, M.
Involvement of muscarinic acetylcholine receptors in regulation of kitten visual cortex plasticity (79) 63

Luiten, P.G.M., Buwalda, B., Traber, J. and Nyakas, C.
Induction of enhanced postnatal expression of immunoreactive calbindin-D28k in rat forebrain by the calcium antagonist nimodipine (79) 10

Matsumoto, K., Wanaka, A., Takatsuji, K.,
Muramatsu, H., Muramatsu, T. and Tohyama, M.
A novel family of heparin-binding growth factors, pleiotrophin and midkine, is expressed in the developing rat cerebral cortex (79) 259

McCormick, C.M., see Shanks, N. (79) 290 Meaney, M.J., see Shanks, N. (79) 290 Méndez-Medina, R., see Castañeyra-Perdomo, A. (79) 346

Merenmies, J., see Rauvala, H. (79) 187 Meyer, G., see Castañeyra-Perdomo, A. (79) 346

Miller, J.D., Hadley, R.D. and Hammond, C.E.

Growth cone collapse and neurite retraction from cultured *Helisoma* neurons in response to antibody Fab fragments against an extracellular matrix protein (79) 233

Mitake, S., see Ojika, K. (79) 1

Moshé, S.L., see Velíšková, J. (79) 327 Murakami, K., see Yamamoto, M. (79) 207 Muramatsu, H., see Matsumoto, K. (79) 259 Muramatsu, T., see Matsumoto, K. (79) 259

Navetta, M.S., see Ribak, C.E. (79) 47
Nelson, P.J., see Trommer, B.L. (79) 115
Nolo, R., see Rauvala, H. (79) 187
Nonner, D. and Barrett, J.N.
Changes in the response of cultured septal cholinergic neurons to nerve growth factor exposure and deprivation during the first postnatal month (79) 249
Nyakas, C., see Luiten, P.G.M. (79) 10

Ojika, K., Mitake, S., Kamiya, T., Kosuge, N. and Taiji, M.

Two different molecules, NGF and free-HCNP, stimulate cholinergic activity in septal nuclei in vitro in a different manner (79) 1

Ormazabal-Ramos, C., see Castañeyra-Perdomo, A. (79) 346

Panula, P., see Rauvala, H. (79) 187
Pasternak, J.F., see Trommer, B.L. (79) 115
Pellier, V. and Astic, L.
Cell death in the developing olfactory epithelium of rat embryos (79) 337

Peng, L., Zhang, X. and Hertz, L.

Alteration in oxidative metabolism of
alanine in cerebellar granule cell cultures
as a consequence of the development of
the ability to utilize alanine as an amino
group donor for synthesis of transmitter
glutamate (79) 128

Pitts, D.K., see Wang, L. (79) 19 Pollack, E.D., see Clorfene, J.B. (79) 93 Pritz-Hohmeier, S., see Reichenbach, A. (79) 72

Rage, F., see Desarménien, M.G. (79) 85 Rakic, P., see Van Eerdenburg, F.J.C.M. (79) 320

Raulo, E., see Rauvala, H. (79) 187Rauvala, H., Vanhala, A., Castrén, E., Nolo, R., Raulo, E., Merenmies, J. and Panula, D

Expression of HB-GAM (heparin-binding growth-associated molecules) in the pathways of developing axonal processes in vivo and neurite outgrowth in vitro induced by HB-GAM (79) 187

Reichenbach, A., Ziegert, M., Schnitzer, J., Pritz-Hohmeier, S., Schaaf, P., Schober, W. and Schneider, H. Development of the rabbit retina. V. The question of 'columnar units' (79) 72 Rhoades, R.W., see Chiaia, N.L. (79) 331

Riad, M., see Hillion, J. (79) 225 Ribak, C.E. and Navetta, M.S.

An immature mossy fiber innervation of hilar neurons may explain their resistance to kainate-induced cell death in 15-day-old rats (79) 47

Richard, Ph., see Desarménien, M.G. (79) 85 Rioux, F., see Jousselin-Hosaja, M. (79) 351 Roth, G., see Becker, C.G. (79) 140

Schaaf, P., see Reichenbach, A. (79) 72 Schmidt, A., see Becker, C.G. (79) 140 Schneider, H., see Reichenbach, A. (79) 72 Schnitzer, J., see Reichenbach, A. (79) 72 Schober, W., see Reichenbach, A. (79) 72 Shanks, N., McCormick, C.M. and Meaney,

M.J.

Sex differences in hypothalamic-pituitary-adrenal responding to endotoxin challenge in the neonate: reversal by gonadectomy (79) 290

Sibony, D., see Wong, C.C. (79) 136 Sickles, A.E., see Taylor, L.L. (79) 272 Stehouwer, D.J., see Taylor, L.L. (79) 272 Stringer, B.M.J., Verhofstad, A.A.J. and

Foster, G.A.
Raphé neural cells immortalized with a temperature-sensitive oncogene: differentiation under basal conditions down an APUD cell lineage (79) 297

Swaab, D.F., Zhou, J.N., Ehlhart, T. and Hofman, M.A.
Development of vasoactive intestinal polypeptide neurons in the human suprachiasmatic nucleus in relation to birth and sex (79) 279

Taiji, M., see Ojika, K. (79) 1 Takatsuji, K., see Matsumoto, K. (79) 259 Tan, X.X. and Costa, L.G. Inhibition of muscarinic receptor-stimu-

Inhibition of muscarinic receptor-stimulated phosphoinositide metabolism by cocaine, norcocaine and cocaethylene in rat brain (79) 132

Tapia-Arancibia, L., see Desarménien, M.G. (79) 85

Taylor, L.L., Sickles, A.E., Stehouwer, D.J. and Van Hartesveldt, C. Noradrenergic α-1 and α-2 antagonists block L-DOPA-induced air-stepping in neonatal rats (79) 272

Tohyama, M., see Matsumoto, K. (79) 259 Traber, J., see Luiten, P.G.M. (79) 10

Trommer, B.L., Pasternak, J.F., Nelson, P.J., Colley, P.A. and Kennelly, J.J. Perforant path kindling alters dentate gyrus field potentials and paired pulse depression in an age-dependent manner (79) 115 Ueno, N., see Yamamoto, M. (79) 207

Van Eerdenburg, F.J.C.M. and Rakic, P. Early neurogenesis in the anterior hypothalamus of the rhesus monkey (79) 320

Vanhala, A., see Rauvala, H. (79) 187 Van Hartesveldt, C., see Taylor, L.L. (79) 272

Van Veldhuizen, M.J.A., Feenstra, M.G.P. and Boer, G.J.

Effects of neonatal exposure to clonidine on basal and activated central noradrenaline metabolism and in vivo overflow (79)

Velíšková, J., Garant, D.S., Xu, S.G. and Moshé, S.L.
Further evidence of involvement of substantia nigra GABA_B receptors in seizure suppression in developing rats (79) 327

Verhofstad, A.A.J., see Stringer, B.M.J. (79)

Wanaka, A., see Matsumoto, K. (79) 259
Wang, L. and Pitts, D.K.
Postnatal development of mesoaccumbens dopamine neurons in the rat: electrophysiological studies (79) 19

Wang, Z.
Testosterone effects on development of vasopressin messenger RNA expression in the bed nucleus of the stria terminalis and medial amygdaloid nucleus in male rats (79) 147

Warsh, J.J., see Wong, C.C. (79) 136
Wong, C.C., Warsh, J.J., Sibony, D. and Li, P.P.
Differential ontogenetic appearance and regulation of stimulatory G protein isoforms in rat cerebral cortex by thyroid

Xu, S.G., see Velíšková, J. (79) 327

hormone deficiency (79) 136

Yaginuma, H., see Yamamoto, M. (79) 207 Yamagishi, T., see Yamamoto, M. (79) 207 Yamamoto, M., Yamagishi, T., Yaginuma, H., Murakami, K. and Ueno, N. Localization of thymosin β4 to the neural tissues during the development of *Xenopus laevis*, as studied by in situ hybridization and immunohistochemistry (79) 207

Yan, X.X., Garey, L.J. and Jen, L.S. Development of NADPH-diaphorase activity in the rat neocortex (79) 29

Zhang, X., see Peng, L. (79) 128 Zhou, J.N., see Swaab, D.F. (79) 279 Ziegert, M., see Reichenbach, A. (79) 72